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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/072,494

02/04/2002

Brent L. Bucks

A1-1431

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07/02/2004

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552 EAST 700 NORTH
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EXAMINER

HAMILTON, ISAAC N

ART UNIT

PAPER NUMBER

3724

DATE MAILED: 07/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/072,494

Applicant(s)

BUCKS, BRENT L.

Examiner

Isaac N Hamilton

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 4-6, 12-20, 24-26 and 32-40 is/are allowed.
- 6) ☒ Claim(s) 1-3, 7-11, 21-23 and 27-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Objections

1. Claim objections are hereby withdrawn.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 2, 8, 21, 22 and 28 are rejected under 35 U.S.C. 102(b) as being anticipated by Kawakami (JP63222038A). Kawakami discloses passage through which product 1 feeds in figure 1; cutting means 30, 32, 34, 36; opening at the bottom of the passage; first portion 44, 46; second portion adjacent element 48; guide means is the surface of the first portion 44, 46; means for applying a force 48a, 48, 48b, 50; tubular member 42; first wall portion on the right side of tubular member 42 in figure 1; second wall portion on the left side of tubular member 42 in figure 1.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

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having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 3, 7, 23 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kawakami. Kawakami discloses the claimed invention except for two jets. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide two jets, since it has been held that mere duplication of the essential working parts of a device involves only routine skill in the art. *St. Regis Paper Co. v. Bemis Co.*, 193 USPQ 8. Kawakami also discloses jets 48a, 48, 48b, 50 in a downward direction as shown in figure 1.

6. Claims 1, 9, 11, 21, 29 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bittner (4,683,790) in view of Kawakami. Bittner discloses passage 3; cutting means 12; first portion is the right side of passage 3 in figure 1; second portion is the left side of passage 3; guide means is the surface of the first portion; hub at vertical axis 10, 11, 13, 24; blades 19; means for delivering shown in figure 1 attached to the top portion of the passage 3. Bittner does not teach a means for applying a force, however, Kawakami teaches means for applying a force 48, 48a, 48b, 50. It would have been obvious to provide a means for applying a force in Bittner as taught by Kawakami in order to supply a downward pressure on any loose or stingy products that don't initially get cut by the blades.

7. Claims 10 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Bittner in view of Kawakami as applied to claims 1, 9, 11, 21, 29 and 31 above, and further in view of Urschel et al (2,961,024), hereafter Urschel. The combination discloses everything as noted above, but does not disclose cutting edges that produce a v-shaped cut. However, Urschel teaches cutting edges 58 that produce a v-shaped cut. It would have been

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obvious to provide cutting edges that produce a v-shaped cut in the combination as taught by Urschel in order to create an object that is aesthetically pleasing.

Allowable Subject Matter

8. Claims 4-6, 12-20, 24-26, 32-40 are allowed.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac Hamilton whose telephone number is 703-305-4949. The examiner can normally be reached on Monday thru Friday between 8am and 5pm. If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Allan Shoap can be reached on 703-308-1082.

In lieu of mailing, it is encouraged that all formal responses be faxed to 703-872-9306. Any inquiry of a general nature or relating to the status of this application should be directed to the receptionist whose telephone number is 703-308-1148.

PH

IH

June 25, 2004


KENNETH E. PETERSON
PRIMARY EXAMINER